

Converting Colors

Hex(949DA4)

Have a look what the booklet for
Hex(949DA4) contains.

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Color

Hex(949DA4)

Conversions

Conversions Part 1

Format	Color
Hex	949DA4
RGB	148, 157, 164
RGB Percent	58%, 62%, 64%
CMY	0.4196, 0.3843, 0.3569
CMYK	0.10, 0.04, 0.00, 0.36
HSL	206°, 8%, 61%
HSV	206°, 10%, 64%
XYZ	30.9706, 33.0902, 39.8767
YIQ	155.1070, -7.6110, 0.2690

Conversions

Conversions Part 2

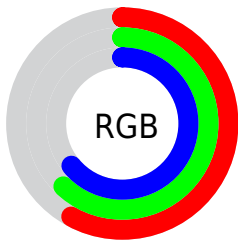
Format	Color
RYB	148, 154, 164
Decimal	9739684
CIELab	64.23, -1.77, -4.76
CIElCh	64, 5.077, 249.586
Yxy	33.0902, 0.2980, 0.3184
Android (android.graphics.Color)	4287929764 (0xFF949DA4)
YUV	155.1070, 4.3842, -6.2328
Hunter-Lab	57.5241, -4.5640, -0.8340

Details

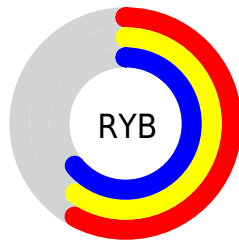
The Hex color **949DA4** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A49B94**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CAD4DB**, and **616A70** is the 20% darker color. If you saturate the color by 10%, you get **8496A4**, and if you desaturate by 10%, it is **A4A4A4**.

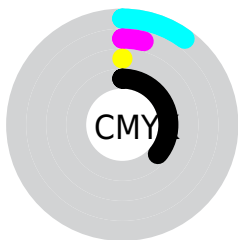
Distribution



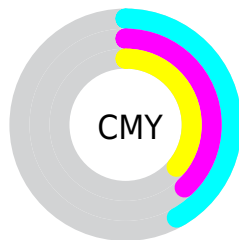
- Red (58%)
- Green (62%)
- Blue (64%)



- Red (58%)
- Yellow (60%)
- Blue (64%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (36%)



- Cyan (42%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 949DA4 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 949DA4 by changing the saturation by 10% instead.



949DA4



949DA4

FFFFFF



7A838A



CAD4DB



616A70



E6F0F7



495258



333B41



1E252B



051016



000000



949DA4



949DA4



8496A4



A4A4A4

738FA4

B5ABA4

6387A4

C5B3A4

5280A4

D6BAA4

4279A4

E6C1A4

3272A4

F6C8A4

216BA4

FFCFA4

1164A4

FFD6A4

005CA4

FFDEA4

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



919EA1



949DA4



999CA5

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



949DA4



A6999A



999D95

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



949DA4



A49B94

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9E9C93



949DA4



A59996

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



949DA4



A3999F



A39A93



949E98

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



949DA4



9D9BA4



A39A93



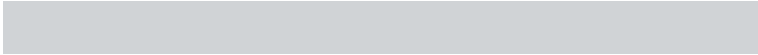
9B9D94

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



949DA4



D0D3D6



94A49B



67696B



EBEBEB



6B6B6B

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



949DA4



BCCBD6



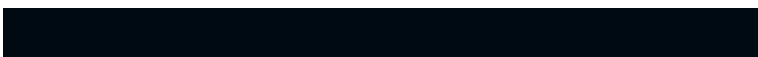
9495A4



494E52



005291



000A12

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A4949D



D6BCCB



A4A394



52494E



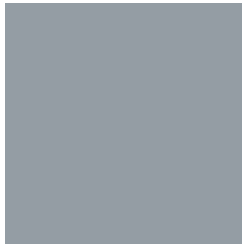
910052



12000A

Previews

White Background



This preview shows how the Hex color 949DA4 looks on a white background.

Color Contrast Check

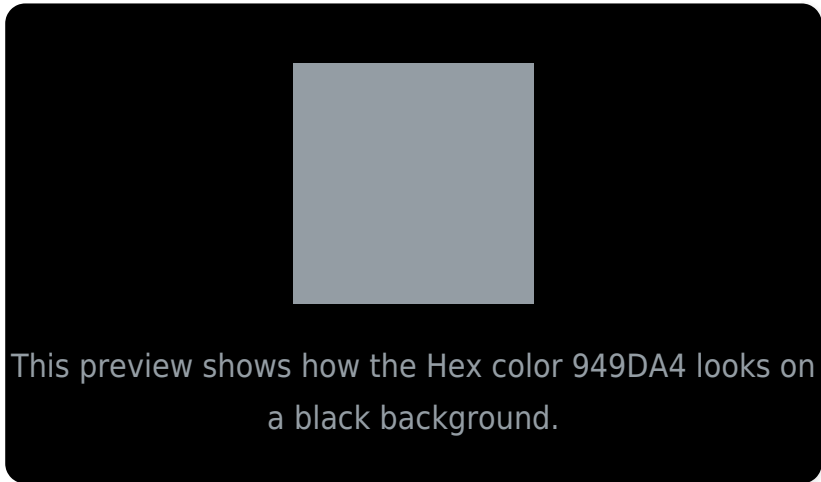
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

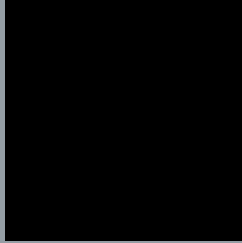
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

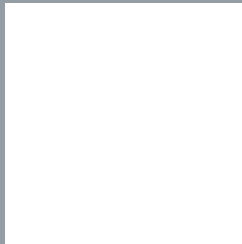
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 949DA4 Background



This preview shows how black text looks on a background with the Hex color 949DA4.



This preview shows how white text looks on a background with the Hex color 949DA4.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
949DA4

Protanopia
9C9BA3

Deuteranopia
A697A5



Tritanopia
959CA9

Trichromacy



Original Color
949DA4

Protanomaly
999CA3

Deuteranomaly
9F99A5

Tritanomaly
959CA7

Monochromacy



Original Color
949DA4

Achromatopsia
9B9B9B

Achromatomaly
989C9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 949DA4 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #949DA4 looks like.

```
.text, #text, p{  
    color:#949DA4  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #949DA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949DA4
}
```

Border

The CSS property to change the border of an element to Hex 949DA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#949DA4 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#949DA4 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #949DA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949DA4; -webkit-box-shadow:4px 4px  
4px 4px #949DA4; box-shadow:4px 4px 4px  
4px #949DA4 }
```

Background

The CSS property to change the background color of an element to Hex 949DA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949DA4 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#949DA4 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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